



Anti-algae acrylic extra coating with micronised plastorites.

Ideal for protecting reinforced concrete structures, as it provides excellent anti-carbonation protection as a result of high resistance to CO₂ diffusion.

Suitable for protecting and decorating new or renovated buildings, it features superior weatherability and alkali resistance, good permeability to water vapour and low water absorption.

Compliant with standards EN 15457 (fungi resistance) and EN 15458 (algae resistance) as a result of special additives that protect the film against the aggressive action of micro-organisms (algae, moulds and lichens).

Compliant with standard DIN 4108-3 on façade protection.

TYPICAL CHEMICAL AND PHYSICAL CHARACTERISTICS

APPEARANCE	matt	
COMPOSITION	acrylic polymer emulsion binder with micronised plastorites	
SPECIFIC WEIGHT	1.40 ± 0.02 g/cm ³ at 20°C	
BROOKFIELD VISCOSITY	11,000 ± 2,000 cP	G6V10 at 20°C
DRY RESIDUE	55.0 ± 0.2% p/p	
WASHING RESISTANCE	excellent >20,000 Gardner cycles	UNI 10795 UNI 10560
PARTICLE SIZE	≤ 0.15 mm	UNI 1062-1
PERMEABILITY TO WATER VAPOUR	μ.s = Sd = 0.45 m	UNI EN ISO 7783-2 UNI EN 1062-1
WATER ABSORPTION	W = 0.023 kg/m ² h _{0,5}	UNI EN 1062-3
ALKALI RESISTANCE	Excellent	UNI 10795
CO ₂ DIFFUSION RESISTANCE	SdCO ₂ = 110 m	UNI EN 1062-6

For reference standards, see “Key – technical data sheets”

COLOURS

White,





TYPICAL APPLICATION CHARACTERISTICS

DRYING (at 20°C and 65% R.H.)	touch dry: 2-3 hours for re-coating: 8-12 hours The film of paint acquires all its properties after about a week
EFFECTIVE COVERAGE	8-11 m²/L per coat depending on substrate absorption
DILUTION¹ (V/V)	10-15% drinking water up to 30% drinking water may be added for the 1st coat
TOOLS	brush, roller

¹ Tints derived from bases other than white require less dilution, up to a maximum of 5-10%.

APPLICATION SYSTEM

SUBSTRATES: masonry structures in general (plaster, bricks, cement, concrete, etc.).

SUBSTRATE PREPARATION: substrates must be sound and firm, without salt efflorescence or active damp patches. Remove chalky old paintwork by pressure washing. Do not apply to freshly applied or particularly alkaline substrates; wait for at least four weeks for full carbonation.

Apply an appropriate primer to metal construction parts.

	NEW SUBSTRATES (never painted)		OLD SUBSTRATES		SUBSTRATES WITH OLD WATER-BASED PAINT RESIDUES (well-anchored washables – quartz coating)	
PRIMER	Fondo 2000 / Fondo 140 If necessary	1 COAT	Fondo 140	1 COAT	Fondo 2000 / Fondo P378	
FINISH	B. Beton	2 COATS	B. Beton	2 COATS	B. Beton	2 COATS

TECHNICAL SPECIFICATIONS (for contracts and quotations)

GENERAL CHARACTERISTICS	anti-algae acrylic extra coating with micronised plastorites; compliant with standard DIN 4108-3 on façade protection
DRY RESIDUE	55.0 ± 0.2% p/p
SPECIFIC WEIGHT	1.40 ± 0.02 g/cm³ at 20°C



BBeton

TDS

COD. 825/....

GENERAL INFORMATION AND NOTICES

Store the product in a cool place. Do not allow to freeze.

To avoid defects in formation film, do not apply in direct sunlight and windy conditions or at temperatures below 5°C.

The technical information provided above is the result of careful laboratory testing and practical experience. Nevertheless, as the product is often used outside our control, we are unable to guarantee the quality of the end result. This information is subject to review by the Company.

Please carefully read the "GENERAL RECOMMENDATIONS".

CQ Rev. 5 - January 2014

"In accordance with European Directive 2004/42/EC, the VOC values displayed on the packaging refer to the dilutions and thinners specified and to tinted products based on the formulations indicated by Boero Bartolomeo SpA."